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**URGES MULTIPLE RENOVATION OF TOOLS -- Trud, No 93, 19 Apr 50**

The Kharkov Tractor Plant imeni Ordzhonikidze is a large consumer of tools made of expensive alloyed steel. Reducing tool expenditure even one percent would save the plant hundreds of thousands of rubles. For this reason, the plant has worked out a system of multiple renovation.

After they are worn, tools are no longer relegated to utility waste, but are reconditioned to be used over and over again, as follows: by regrinding after tempering, annealing, reforging, butt welding, or chrome plating. A typical example is the reconditioning of reamers. These are repeatedly renovated by the simple process of reducing them to the next smaller size. Tools of all types, including cutting, measuring, molding, abrasive, and sawing tools, are reconditioned in this manner. Their quality remains unimpaired.

The campaign for tool conservation through renovation which began a year ago, has assumed imposing proportions by this time. Prizes are awarded to workers and foremen who save metal by this method. During the past 7 months, the plant reconditioned 2,022,000 rubles' worth of cutting, measuring, and abrasive tools for its own uses, and 110,000 thousand rubles' worth for MTS and sovkhoses. During the same period, the plant saved more than 50 tons of tool steels. One third of the plant's tool requirements are covered by multiple renovation.

Experience in the Moscow Tractor Plant has shown that its methods may be applied in any machine-building enterprise without involving additional expense. So far scientific-research institutes have been concerned with tools merely to the extent of the first wearing. Scientists and engineers must now study their greatest possible limit of utilization.

It is desirable that the ministries and the State Planning Committee USSR promulgate this method in all their enterprises. In planning production on and allocating metal supplies, the multiple renovation of tools should be made mandatory. -- D. Kuznetsov, engineer, Kharkov Tractor Plant imeni Ordzhonikidze

**NEW DEVICE SAVES KEROSENE FUEL -- Sovetskaya Litva, No 98, 25 Apr 50**

Two brothers named Nazarov have devised an attachment for the STZ-NATI tractor, consisting of a small tube, by means of which kerosene fuel gases are led off into the air cleaner and thereby reclaimed. This device has been installed on more than half the tractors of the First Pravdinsk, Second Slavsk, Kaliningrad, Gur'yevsk, and Chernyakhovsk MTS. On individual tractors, it has saved up to 30 kilograms of kerosene per shift.

**MTS GETS SPECIAL SMALL TRACTORS -- Zarya Vostoka, No 78, 15 Apr 50**

The Bolnisi MTS has received three small garden and orchard tractors of a special design. They are two-wheel machines equipped with pneumatic tires and 3-horsepower gasoline motors. They will be used for vineyard operations.

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